

# Work Order ID 87165

July-11-12 9:51:29 AM

**\*87165\***

Page 1

Item ID: D350-607-541 Accept **\*N900040100\*** Setup Start **\*NS1\***  
 Revision ID: Stop **\*NS2\***  
 Item Name: Heli-Utility-Basket  
 Start Date: 7/10/12 Start Qty: 1.00 **\*1\*** Cust Item ID:  
 Required Date: 8/10/12 Req'd Qty: 1.00 **\*1\*** Customer:

## Reference:

Approvals: Process Plan: *[Signature]* Date: 12-07-12 Tooling: \_\_\_\_\_ Date: \_\_\_\_\_  
 QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_  
 Run Start **\*NR1\***  
 Stop **\*NR2\***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
D350-607-3	A

100	DOCUMENT CONTROL	0.00	<b>*100*</b>						
DC	Memo	0.00							
Document Control	Photocopy bluefile & type labels per PPPD350-607-541 CHG003								

*DAS 16 7/6/12*  
*not per ECA 12-610*  
*Label only JB*

110	Pick Kit	0.00	<b>*110*</b>						
Packaging	Memo	0.00							
Packaging	****Mask label plate to size of D4086 label, use scotchbrite red pad to lightly sand area for label, apply label****								

*#1* *12/09/04 JB*

120	QC4- 100% Inspect kits for completeness	0.00	<b>*120*</b>						
QC	Memo	0.00							
Quality Control									

*DAS 16 7/6/12*

*[Signature]*

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Work Order ID 87165

**\*87165\***

Page 2

July-11-12 9:51:29 AM

Item ID: D350-607-541 Accept **\*N900040100\*** Setup Start **\*NS1\***  
 Revision ID: Stop **\*NS2\***  
 Item Name: Heli-Utility-Basket  
 Start Date: 7/10/12 Start Qty: 1.00 **\*1\*** Cust Item ID:  
 Required Date: 8/10/12 Req'd Qty: 1.00 **\*1\*** Customer:  
 Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_ Run Start **\*NR1\***  
 QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_ Stop **\*NR2\***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	Pick Kit	0.00							
<b>*130*</b>									
Packaging	Memo	0.00							
Packaging	Package as per PPPD350-607-541								
140	QC21- Final Inspection - Work Order Release	0.00							
<b>*140*</b>									
QC	Memo	0.00							
Quality Control									

*Rev. C*

*12/09/05 JB*

*12/9/11*

*MF 12-09-06*

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

July-11-12 9:51:28 AM

Page 1

Work Order ID: 87165  
Parent Item: D350-607-541  
Parent Item Name: Heli-Utility-Basket

Start Date: 7/10/12

Required Date: 8/10/12

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP REV:A 10-08-19 AS PER REV.A DD VERF BY:EC IPP Rev:B 11.02.09 add to install  
label DD verf by:EC IPP REV:C 12.03.06 AS PER ECN12-535 DD VERF:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D350-607-511 (H17002) Quick Release Basket Mounting Installation		Manufactured	No			110	Each	10.0000		85748 <sup>1</sup> JB			
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				FG		8							
				85743		2							
				85744		2							
				85745		2							
				85746		2							
				PK13		2							
				85133		1							
				85742		1							
D2690-6 Lanyard Assembly		Manufactured	No			110	Each	24.0000		86928 <sup>1</sup> JB			
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST016		24							
				85757		13							
				85832		5							
				85833		6							
D3912-041 Eyebolt Receiver Assembly		Manufactured	No			110	Each	3.0000		87076 <sup>1</sup> JB			
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST509		3							
				85952		3							
D4030-041 Long Basket Assembly (350)		Manufactured	No			110	Each	0.0000		888803			
D4085-3 Placard, Instructions		Manufactured	No			110	Each	1.0000		87037		12/09/04	
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST121		1							
				87037		1							

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

July-11-12 9:51:28 AM

Page 2

Work Order ID: 87165  
Parent Item: D350-607-541  
Parent Item Name: Heli-Utility-Basket

Start Date: 7/10/12

Required Date: 8/10/12

Start Qty: 1.00

Required Qty: 1.00

D4151-041  
Basket Fwd Hardpoint Assembly, Lower

Manufactured No

110 Each 13.0000

87150 1 2B L

Location Loc Qty Loc Code

GA -4

ST103 17

85792 12

85793 1

D4151-043  
Basket Fwd Hardpoint Assembly, Upper

Manufactured No

110 Each 17.0000

1 1 2B L

Location Loc Qty Loc Code

ST103 17

85794 5

85795 12

D4150-041  
Attachment Arm Assembly

Manufactured No

110 Each 0.0000

85795 1 2B L

AN4-13A  
Bolt

Purchased No

110 Each 1,065.0000

6 87402 6 2B L

Location Loc Qty Loc Code

ST357 1065

120187 19

120422 2

120770 12

121652 834

122063 198

AN4C15  
BOLT

Purchased No

110 Each 40.0000

1 1 2B 12/09/04 L

Location Loc Qty Loc Code

ST358 40

120124 1

121146 39

121146

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries



# Picklist Print

July-11-12 9:51:28 AM

Page 3

Work Order ID: 87165

Parent Item: D350-607-541

Parent Item Name: Heli-Utility-Basket

Start Date: 7/10/12

Required Date: 8/10/12

Start Qty: 1.00

Required Qty: 1.00

AN310C4  
Nut

Purchased No

110 Each 58.0000

1 25 ✓

Location	Loc Qty	Loc Code
ST344	58	
120360	1	
121166	3	
121444	21	121444
122151	33	

MS17984-C413  
PIN QUICK RELEASE

Purchased No

110 Each 21.0000

1 122452 ✓ JB

Location	Loc Qty	Loc Code
ST315	3	
114340	1	
118612	2	
ST333	18	
122141	18	

MS21042L4  
Nut

Purchased No

110 Each 1,146.0000

6 122452 ✓ JB

Location	Loc Qty	Loc Code
ST300	1146	
119075	116	
121011	193	
121444	686	
121652	151	

MS24665-151  
Cotter Pin

Purchased No

110 Each 161.0000

1 12109104 ✓ JB

Location	Loc Qty	Loc Code
ST309	161	
17566	161	17566

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

July-11-12 9:51:28 AM

Page 4

Work Order ID: 87165

Parent Item: D350-607-541

Start Date: 7/10/12

Required Date: 8/10/12

Parent Item Name: Heli-Utility-Basket

Start Qty: 1.00

Required Qty: 1.00

NAS1515H4L  
WASHER

Purchased No

110 Each 397.0000

2

2

Location

Loc Qty

Loc Code

FG

8

103691

8

ST277

389

118709

10

120390

379

120390

NAS1149F0432P  
Washer

Purchased No

110 Each 1,006.0000

12

12

Location

Loc Qty

Loc Code

ST275

1006

121350

15

122151

991

122151

NAS1149C0463R  
Washer

Purchased No

110 Each 764.0000

3

3

Location

Loc Qty

Loc Code

FP001

1

115358

1

ST297

763

117735

17

119097

746

119097

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

## 4.0 WEIGHT AND BALANCE

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
D350-607-541 (Standard Basket)	80.7 lb 36.6 kg	± 49.1 in ± 1.25 m	± 3962 in-lb ± 45.8 m-kg	135 in 3.43 m	10895 in-lb 125.5 m-kg
D350-607-543 (Lightweight Basket)	65.7 lb 29.8 kg	± 49.1 in ± 1.25 m	± 3226 in-lb ± 37.3 m-kg	135 in 3.43 m	8870 in-lb 102.2 m-kg
D350-607-545 (Standard Basket)	58.7 lb 26.2 kg	± 49.1 in ± 1.25m	± 2882 in-lb ± 32.8 m-kg	135 in 3.43 m	7925 in-lb 89.9 m-kg
D350-607-547 (Lightweight Basket)	47.7 lb 21.6 kg	± 49.1 in ± 1.25 m	± 2342 in-lb ± 27.0 m-kg	135 in 3.43 m	6440 in-lb 74.1 m-kg
D350-607-511 (Quick Release Basket Mounting Kit)	7.2 lb 3.3 kg	± 36.9 in ± 0.94 m	± 266 in-lb ± 3.1 m-kg	135 in 3.43 m	972 in-lb 11.3 m-kg

## 5.0 PARTS LIST

QTY -541	QTY -543	QTY -545	QTY -547	QTY -511	QTY -501	PART NUMBER	DESCRIPTION
X						D350-607-541	HELI-UTILITY-BASKET
	X					D350-607-543	HELI-UTILITY-BASKET
		X				D350-607-545	HELI-UTILITY-BASKET
			X			D350-607-547	HELI-UTILITY-BASKET
/ 1	1	1	1	X		D350-607-511	QUICK RELEASE BASKET MOUNTING KIT
					X	D350-607-501	CONVERSION KIT
/ 1	1	1	1		1	D2690-6	LANYARD
				4	4	D3910-3	X-TUBE LUG
/ 1	1	1	1		1	D3912-041	EYEBOLT RECEIVER ASSY
				8	8	D3984-030	RUBBER EXTRUSION, X-TUBE
/ 1						D4030-041	LONG BASKET ASSY
	1					D4030-043	LONG BASKET ASSY, LIGHTWEIGHT
		1				D4032-041	SHORT BASKET ASSY
			1			D4032-043	SHORT BASKET ASSY, LIGHTWEIGHT
/ 1	1	1	1		1	D4085-3	PLACARD-INSTRUCTIONS
/ 1					1	D4086-200	PLACARD, MAX LOAD
	1				1	D4086-215	PLACARD, MAX LOAD
		1			1	D4086-220	PLACARD, MAX LOAD
			1		1	D4086-232	PLACARD, MAX LOAD
				1	1	D4148-041	FWD X-TUBE LUG ASSY
				1	1	D4149-041	AFT X-TUBE LUG ASSY
/ 1	1	1	1		1	D4150-041	ATTACHMENT ARM ASSY
1	1	1	1		1	D4151-041	BASKET FWD HARDPOINT ASSY (LOWER)
/ 1	1	1	1		1	D4151-043	BASKET FWD HARDPOINT ASSY (UPPER)
/ 6	6	6	6		6	AN4-13A	BOLT
				16	16	AN4-14A	BOLT
/ 1	1	1	1		1	AN4C15	BOLT
/ 1	1	1	1		1	AN310C4	CASTELLATED NUT
/ 1	1	1	1		1	MS17984-C413	QUICK RELEASE PIN
/ 6	6	6	6	16	22	MS21042L4	NUT (OR MS21042-4)
/ 1	1	1	1		1	MS24665-151	COTTER PIN
/ 2	2	2	2		2	NAS1515H4L	WASHER
/ 12	12	12	12	32	44	NAS1149F0432P	WASHER
/ 3	3	3	3		3	NAS1149C0463R	WASHER

• COPYRIGHT © 2010 BY DART AEROSPACE LTD. •  
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

Revision: A  
Date: 10.06.28